FIRST EDITION

GOVERNMENT OF MADRAS

DETAILED IRRIGATION BUDGET

FOR THE YEAR

1947-8

(MAJOR HEADS XVII, 17, 18, 19 AND 68)
[DEMANDS VIII AND XXXIII]

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DEMAND VIII—IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1947-8.

DEMAND FOR GRANT (VOTED) .. .. Rs. 1,25,92,200

Total of Sums Charged .. .. .. *Rs. 1,00,02,300*

Summary by Major Heads.

HEAD OF ACCOUNT.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
XVII. IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES ..	*11,480*	54,85,773	*9,900*	52,79,100	*12,300*	59,07,100	*8,100*	60,62,700
17. IRRIGATION—INTEREST ON WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT	*89,44,939*	..	*93,41,000*	..	*92,57,000*	..	*99,73,000*	..
18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES ..	*607*	67,80,324	..	1,06,04,500	*16,900*	97,36,700	*21,000*	63,16,800
19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS ..	*733*	5,30,581	*200*	1,85,100	*200*	1,25,700	*200*	2,12,700
TOTAL—DEMAND VIII—IRRIGATION.	*89,57,759*	1,27,96,678	*93,51,100*	1,60,68,700	*92,86,400*	1,57,69,500	*1,00,02,300*	1,25,92,200
	2,17,54,437		2,54,19,800		2,50,55,900		2,25,94,500	

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Irrigation Works—Productive Works.								
XVII. a. EXTENSIONS AND IMPROVEMENTS.	*208*	5,86,162	..	7,21,600	*100*	4,83,700	..	8,35,000
XVII. b. MAINTENANCE AND REPAIRS ..	..	37,51,278	..	36,10,600	..	41,91,600	..	43,43,300
XVII. c. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENT.	..	978	..	2,300	..	2,300	..	3,000
TOTAL—IRRIGATION WORKS—PRODUCTIVE WORKS ..	*208*	43,38,418	..	43,34,500	*100*	46,77,600	..	51,81,300
	43,38,626		43,34,500		46,77,700		51,81,300	
Irrigation Works—Unproductive Works.								
XVII. d. EXTENSIONS AND IMPROVEMENTS ...	..	47,357	..	24,700	..	25,900	..	28,800
XVII. e. MAINTENANCE AND REPAIRS ..	..	5,84,346	..	5,06,100	..	6,34,500	..	4,22,400
TOTAL—IRRIGATION WORKS—UNPRODUCTIVE WORKS.	..	6,31,703	..	5,30,800	..	6,60,400	..	4,51,200
	6,31,703		5,30,800		6,60,400		4,51,200	
Navigation, Embankment and Drainage Works—Unproductive Works.								
XVII. f. EXTENSIONS AND IMPROVEMENTS.	..	22,047	..	22,200	..	4,900	..	29,000
XVII. g. MAINTENANCE AND REPAIRS ..	..	4,41,530	..	4,57,700	..	4,57,700	..	5,45,900
TOTAL—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.	..	4,63,577	..	4,79,900	..	4,62,600	..	5,74,900
	4,63,577		4,79,900		4,62,600		5,74,900	

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
XVII. PENSION CHARGES—								
IRRIGATION— PRODUCTIVE ..	*8,939*	94,280	*8,400*	82,000	*10,100*	1,10,500	*7,000*	84,300
UNPRODUCTIVE ..	*1,434*	12,896	*900*	9,000	*1,300*	14,000	*600*	7,400
NAVIGATION— UNPRODUCTIVE ..	*899*	2,484	*600*	6,100	*800*	8,100	*500*	6,300
TOTAL—PENSION CHARGES ..	*11,272*	1,09,660	*9,900*	97,100	*12,200*	1,32,600	*8,100*	98,000
Deduct—CONTRIBUTION FROM THE CENTRAL GOVERNMENT IN FURTHERANCE OF FOOD PRODUCTION CAMPAIGN ..	..	—57,585	..	..	..	—26,100	..	—4,700
XVII. LUMP DEDUCTION FOR PROBABLE SAVINGS—								
IRRIGATION— PRODUCTIVE	..	..	..	—1,38,100	..	..	..	—2,11,800
UNPRODUCTIVE ..	..	..	..	—13,700	..	..	..	—12,400
NAVIGATION— UNPRODUCTIVE ..	..	..	..	—11,400	..	..	..	—13,800
TOTAL—LUMP DEDUCTION ..	..	..	..	—1,63,200	..	..	..	—2,38,000
TOTAL—XVII. WORKING EXPENSES (INCLUDED IN DEMAND VIII. IRRIGATION).	*11,480*	54,85,773	*9,900*	52,79,100	*12,300*	59,07,100	*8,100*	60,62,700
	54,97,253		52,89,000		59,19,400		60,70,800	
Add— *Pro rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENT, ETC.								
(*a*) ESTABLISHMENT—								
IRRIGATION— PRODUCTIVE ..	*1,06,286*	11,20,061	*96,800*	9,42,000	*1,16,600*	12,69,900	*80,100*	9,69,400
UNPRODUCTIVE ..	*17,055*	1,53,339	*10,600*	1,03,300	*14,800*	1,61,200	*7,000*	84,600
NAVIGATION— UNPRODUCTIVE ..	*10,685*	29,539	*7,300*	70,600	*8,600*	93,500	*6,000*	72,500
TOTAL—ESTABLISHMENT ..	*1,34,026*	13,02,939	*1,14,700*	11,15,900	*1,40,000*	15,24,600	*93,100*	11,26,500

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Add— *Pro rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENT, ETC.—*cont.*								
(*b*) TOOLS AND PLANT—								
IRRIGATION—								
PRODUCTIVE ..	..	56,502	..	17,400	..	3,11,700	..	41,900
UNPRODUCTIVE ..	..	8,898	..	2,200	..	44,000	..	3,700
NAVIGATION—								
UNPRODUCTIVE ..	..	593	..	1,900	..	30,900	..	4,700
TOTAL—TOOLS AND PLANT..	..	65,993	..	21,500	..	3,86,600	..	50,300
TOTAL—MAJOR HEAD XVII—IRRIGATION—WORKING EXPENSES.	*1,45,506*	68,54,705	*1,24,600*	64,16,500	*1,52,300*	78,18,300	*1,01,200*	72,39,500
	70,00,211		65,41,100		79,70,600		73,40,700	
DISTRIBUTION OF THE MAJOR HEAD TOTAL AS BETWEEN PRODUCTIVE AND UNPRODUCTIVE—								
IRRIGATION—								
PRODUCTIVE ..	*1,15,433*	56,09,261	*1,05,200*	52,37,800	*1,26,800*	63,69,700	*87,100*	60,65,100
UNPRODUCTIVE ..	*18,489*	8,06,836	*11,500*	6,31,600	*16,100*	8,79,600	*7,600*	5,34,500
NAVIGATION—								
UNPRODUCTIVE ..	*11,584*	4,96,193	*7,900*	5,47,100	*9,400*	5,95,100	*6,500*	6,44,600
Deduct—CONTRIBUTION FROM THE CENTRAL GOVERNMENT IN FURTHERANCE OF FOOD PRODUCTION CAMPAIGN ..	..	−57,585	..	..	..	− 26,100	..	− 4,700
TOTAL ..	*1,45,506*	68,54,705	*1,24,600*	64,16,500	*1,52,300*	78,18,300	*1,01,200*	72,39,500
	70,00,211		65,41,100		79,70,600		73,40,700	

17.—INTEREST ON WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

Summary by Minor Heads and Sub-heads of appropriation.

17. a. IRRIGATION WORKS—								
(1) PRODUCTIVE ..	*66,63,463*	..	*67,13,000*	..	*67,21,000*	..	*68,27,000*	..
(2) UNPRODUCTIVE ..	*18,67,738*	..	*22,13,000*	..	*21,21,000*	..	*27,31,000*	..
17. b. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—								
UNPRODUCTIVE ..	*4,13,738*	..	*4,15,000*	..	*4,15,000*	..	*4,15,000*	..
GRAND TOTAL—MAJOR HEAD 17.	*89,44,939*	..	*93,41,000*	..	*92,57,000*	..	*99,73,,000*	..
	89,44,939		93,41,000		92,57,000		99,73,000	

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
IRRIGATION WORKS.								
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Public Works Department.								
18. a. WORKS—								
I. ORDINARY AREAS ..	..	6,35,458	..	2,45,600	*1,900*	2,47,900	..	1,22,300
II. PARTIALLY EXCLUDED AREAS—POST-WAR RECONSTRUCTION ..	..	7,265	..	16,900	..	16,900	..	..
TOTAL—18. a. ..	..	6,42,723	..	2,62,500	*1,900*	2,64,800	..	1,22,300
18. b. EXTENSIONS AND IMPROVEMENTS.	..	1,89,351	..	2,32,300	..	3,51,000	..	5,45,700
18. c. MAINTENANCE AND REPAIRS ..	..	23,17,429	..	18,41,500	..	21,84,400	..	22,70,000
MISCELLANEOUS EXPENDITURE.								
18. d. ESTABLISHMENTS—								
A. PAY OF OFFICERS AND ESTABLISHMENTS ..	} ..	} 2,37,084	{ ..	2,41,400	*12,400*	3,97,700	*17,300*	2,19,500
B. OTHER CHARGES ..			{ ..	1,74,000	*2,600*	1,18,700	*3,700*	65,600
TOTAL—18. d. ..	..	2,37,084	..	4,15,400	*15,000*	5,16,400	*21,000*	2,85,100
18. e. TOOLS AND PLANT.	..	..	..	4,500	..	24,300	..	1,000
18. f. OTHER CHARGES—								
(i) OTHER PROJECTS ..	..	3,62,681	..	3,04,100	..	99,800	..	50,900
(ii) IRRIGATION RESEARCH EXPERIMENTS	..	..	..	62,000	..	89,200	..	1,13,700
(iii) LUMP-SUM PROVISION FOR IRRIGATION WORKS TO INCREASE FOOD PRODUCTION	..	..	..	27,43,000	..	7,79,900	..	..
(iv) POST-WAR RECONSTRUCTION—PROJECT SURVEYS —RAMAPADASAGAR SCHEME INVESTIGATION.	..	..	..	19,00,000	..	19,49,500	..	4,00,300
TOTAL—18. f. ..	..	3,62,681	..	50,09,100	..	29,18,400	..	5,64,900
18. l. GRANTS-IN-AID ..	..	7,835	..	7,500	..	7,500	..	7,500
18. m. CHARGES IN ENGLAND— HIGH COMMISSIONER FOR INDIA— OTHER CHARGES (HONORARIUM) ..	*607*	3	..	..	..	..	..	..
TOTAL—PUBLIC WORKS DEPARTMENT ..	*607*	(a) 37,78,559	..	77,72,800	*16,900*	62,66,800	*21,000*	37,96,500

(a) Includes Rs. 21,453 under "Suspense."

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945–6.		Budget Estimate, 1946–7.		Revised Estimate, 1946–7.		Budget Estimate, 1947–8.	
	Charged.	Authorised	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT—*cont.*								
Minor Irrigation. Revenue Department.								
18. g. WORKS—								
A. ORDINARY AREAS ..	..	13,358	..	11,800	..	10,700	..	20,000
Deduct—PROBABLE SAVINGS.	..	..	..	— 1,800	..	..	..	— 2,000
B. PARTIALLY EXCLUDED AREAS	..	..	..	200	..	200	..	200
*C. POST-WAR REECONSTRUCTION	..	..	..	..	..	1,37,300	..	23,800
Deduct—PROBABLE SAVINGS.	..	..	..	..	..	..	..	— 6,000
TOTAL—18. g. ..	..	13,358	..	10,200	..	1,48,200	..	36,000
18. h. MAINTENANCE AND REPAIRS—								
A. ORDINARY AREAS ..	..	10,82,674	..	10,20,200	..	10,75,000	..	11,25,000
B. PARTIALLY EXCLUDED AREAS	..	10,397	..	8,400	..	10,000	..	10,800
C. PROVISION FOR FLOOD REPAIRS	..	4,59,369	..	3,14,000	..	3,08,600	..	1,40,100
TOTAL—18. h. ..	..	15,52,440	..	13,42,600	..	13,93,600	..	12,75,900
18. j. ESTABLISHMENT—								
A. ORDINARY AREAS—								
1. PAY OF ESTABLISHMENTS	..	1,89,485	..	1,90,400	..	1,91,000	..	1,87,500
2. OTHER CHARGES ..	..	1,53,304	..	1,54,600	..	1,62,200	..	1,58,800
B. PARTIALLY EXCLUDED AREAS—								
1. PAY OF ESTABLISHMENTS AND OTHER CHARGES	..	10,161	..	9,400	..	11,300	..	11,200
TOTAL—18. j. ..	..	3,52,950	..	3,54,400	..	3,64,500	..	3,57,500
18. k. TOOLS AND PLANT—								
A. ORDINARY AREAS ..	..	2,079	..	1,000	..	1,000	..	800
B. PARTIALLY EXCLUDED AREAS	...	187	..	100	..	100	..	100
TOTAL—18. k. ..	..	2,266	..	1,100	..	1,100	..	900
18. l. GRANTS-IN-AID ..	..	1,318	..	1,600	..	1,600	..	1,600
TOTAL—MINOR IRRIGATION	..	19,22,332	..	17,09,900	..	19,09,000	..	16,71,900
TOTAL—IRRIGATION WORKS ...	*607*	57,00,891	..	94,82,700	*16,900*	81,75,800	*21,000*	54,68,400
	57,01,498		94,82,700		81,92,700		54,89,400	

* Estimates of the Director of Resettlement and Employment.

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Navigation, Embankment and Drainage Works.								
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Public Works Department.								
18. n. WORKS	..	1,04,512	..	16,300	..	8,100	..	12,100
18. o. EXTENSIONS AND IMPROVEMENTS ..	..	9,445	..	5,000	..	98,100	..	69,200
18. p. MAINTENANCE AND REPAIRS—								
ORDINARY REPAIRS.	..	9,83,676	..	6,74,100	..	8,57,800	..	8,05,800
FLOOD REPAIRS ..	..	..	..	3,59,200	..	6,28,200	..	84,500
MISCELLANEOUS EXPENDITURE								
18. q. OTHER CHARGES.	..	2,264	..	2,100	..	2,200	..	2,800
	..	10,99,897	..	10,56,700	..	15,94,400	..	9,74,400
TOTAL—NAVIGATION, ETC., WORKS	10,99,897		10,56,700		15,94,400		9,74,400	
18. *Deduct*—CONTRIBUTION FROM THE CENTRAL GOVERNMENT IN FURTHERANCE OF FOOD PRODUCTION CAMPAIGN.	..	—20,464	..	—1,800	..	—33,500	..	—27,800
18. LUMP DEDUCTION FOR PROBABLE SAVINGS ..	..	..	..	—1,09,100	..	..	..	—1,36,600
18. LUMP ADDITION FOR RE-GRANT OF LAPSES ..	..	..	..	1,76,000	..	..	..	38,400
	607	67,80,324	..	1,06,04,500	*16,900*	97,36,700	*21,000*	63,16,800
TOTAL—18. (INCLUDED IN DEMAND VIII—IRRIGATION) ..	67,80,931		1,06,04,500		97,53,600		63,37,800	
Add— *Pro rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENT, ETC.—								
ESTABLISHMENT ..	*1,19,890*	8,12,306	*53,400*	5,18,600	*80,600*	8,78,300	*40,400*	4,89,100
TOOLS AND PLANT ..	..	41,054	..	14,300	..	2,89,600	..	31,900
	1,20,497	76,33,684	*53,400*	1,11,37,400	*97,500*	1,09,04,600	*61,400*	68,37,800
GRAND TOTAL—MAJOR HEAD 18 ..	77,54,181		1,11,90,800		1,10,02,100		68,99,200	

19.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. Financed from Ordinary Revenues.								
IRRIGATION WORKS.								
19. A. a. WORKS—								
Productive.								
A. GODAVARI DELTA SYSTEM ..	..	4,53,303	..	1,79,400	..	1,07,500	..	98,100
B. POLAVARAM ISLAND PROJECT ..	..	707	..	2,000	..	1,700	..	..
C. KISTNA DELTA SYSTEM ..	..	—17,280	..	3,300	..	— 200	..	11,700
D. CAUVERY DELTA SYSTEM ..	..	30,532	..	..	..	5,500	..	..
E. CAUVERY-METTUR PROJECT ..	..	2,724	..	..	..	500	..	9,000
F. *Deduct*—CONTRIBUTION FROM THE CENTRAL GOVT. IN FURTHERANCE OF FOOD PRODUCTION CAMPAIGN.	..	— 20,323	..	— 3,100	..	—3,100	..	..
TOTAL—19. A. a. WORKS.	..	4,49,663	..	1,81,600	..	1,11,900	..	1,18,800
19. A. b. WORKS—								
Unproductive.								
A. NAGAVALLI RIVER SYSTEM ..	..	3,002	..	5,900	..	3,900	..	..
B. MAHADEVAPURAM TANK PROJECT ..	..	3	..	..	..	..	..	..
C. ATMAKUR TANK ..	..	..	..	3,800	..	2,200	..	..
D. DONDAPAD TANK SYSTEM ..	..	..	..	..	..	..	..	80,000
E. MOPAD RESERVOIR.	..	19,556	..	8,000	..	8,000	..	..
F. UDUTHORAHALLA SCHEME ..	..	6,273	..	..	..	4,700	..	..
G. KURNOOL-CUDDAPAH CANAL SYSTEM ..	..	207	..	..	..	5,100	..	3,800
H. DUVVALERU PROJECT.	..	—150	..	..	..	..	..	..
TOTAL—19. A. b. WORKS.	..	28,891	..	17,700	..	23,900	..	83,800

19.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A. Financed from Ordinary Revenues—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
NAVIGATION WORKS.								
Unproductive.								
19. A. c. WORKS—								
BUCKINGHAM CANAL.	..	47,051	..	—13,000	..	—12,300	..	..
TOTAL—19. A. c. WORKS.	..	47,051	..	—13,000	..	—12,300	..	..
TOTAL—A. WORKS FINANCED FROM ORDINARY REVENUES	..	5,25,605	..	1,86,300	..	1,23,500	..	2,02,600
TOTAL—19. WORKS ..	..	5,25,605	..	1,86,300	..	1,23,500	..	2,02,600
19. PENSION CHARGES ..	*733*	4,976	*200*	2,400	*200*	2,200	*200*	2,400
19. LUMP DEDUCTION FOR PROBABLE SAVINGS..	..	..	..	—18,600	..	..	..	—12,300
19. LUMP ADDITION FOR RE-GRANT OF LAPSES ..	..	..	..	15,000	..	..	..	20,000
	733	5,30,581	*200*	1,85,100	*200*	1,25,700	*200*	2,12,700
TOTAL—19. (INCLUDED IN DEMAND VIII—IRRIGATION) ..	5,31,314		1,85,300		1,25,900		2,12,900	
Add—								
Pro rata CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS — ESTABLISHMENT, ETC. (FINANCED FROM ORDINARY REVENUES)—								
(*a*) ESTABLISHMENT ..	*8,721*	59,167	*2,800*	27,600	*2,300*	25,000	*2,300*	27,100
(*b*) TOOLS AND PLANT ..	..	11,576	..	800	..	8,300	..	1,800
	9,454	6,01,324	*3,000*	2,13,500	*2,500*	1,59,000	*2,500*	2,41,600
GRAND TOTAL—MAJOR HEAD 19.	6,10,778		2,16,500		1,61,500		2,44,100	

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS.

a. Extensions and Improvements.

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads.				
		Amount of Estimate.	Accounts to end of 1945-6.	Budget Estimate, 1946-7.	Revised Estimate, 1946-7.	Budget Estimate, 1947-8.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
XVII. a. Extensions and Improvements.	1. Godavari Delta system—Major Works—Godavari Western—	RS.	RS.	RS.	RS.	RS.
	(i) Improvements to the Yenamadurru drain from M. 5/2 to 37/3—G.O. No. 2070 I., dated 2nd September 1936.	2,04,000	1,95,745	8,200	20,000	10,000
	(ii) Remodelling the Achanta channel and its branches—G.Os. No. 856, P.W., dated 5th April 1939 and Ms. No. 5038, P.W., dated 7th January 1943.	8,390	5,869	1,100	800	300
	(iii) Providing Irrigation facilities to Kalavapudi lands—G.O. No. 2018, P.W., dated 24th September 1943.	1,61,800	9,469	..	100	..
	Godavari Central—					
	(i) Remodelling Pallamkurru Nos. 1 and 2 channels and Kandikuppa channel—G.O. No. 1198, P.W., dated 26th April 1944. (Debit to 68—Rs. 66,021.)	42,792	30,060	5,000	13,300	800
	(ii) Reconstructing the collapsed arches of the Gannavaram aqueduct with reinforced concrete trough—G.O. No. 44, P.W., dated 5th January 1945.	6,00,000	4,37,359	23,000	75,900	..
	Minor Works	..	..	35,600	51,200	42,900
	2. Kistna Delta system—Major Works—(a) Kistna Eastern—					
	(i) Remodelling the Bhimanadhi channel—G.O. Ms. No. 856, P.W., dated 24th May 1943.	32,000	7,592	15,000	9,000	29,600
	(ii) Improvements to Enekepad aqueduct at M. 7/6 of Ellore canal—G.O. No. 614, P.W., dated 29th February 1944.	19,300	11,126	..	400	..
	(iii) Providing Irrigation facilities to certain lands from the tail end of Komatigunta Channel—G.O. No. 1640, P.W., dated 15th June 1946.	* 13,900	..	..	100	1,800
	(b) Kistna Western—Improvements to Bapatla East Swamp—G.O. No. 2691, P.W., dated 23rd September 1944.	35,300	43,088	15,000	15,000	..
	(c) Reconstructing the syphon carrying the Karlapalem channel across the Nallamada drain—G.O. Ms. No. 2691, P.W., dated 23rd September 1944.	86,848	4,989	95,000	34,500	70,500
	(d) Improvements to Dandigalametta drain—G.O. No. 2223, P.W., dated 22nd August 1945.	13,900	8,544	5,400	4,200	..
	(e) Post-War Reconstruction—Improvements to Peddalanka drain from the head to the under-tunnel at Garisipudi.	13,80,000	..	3,50,000	1,00,000	3,00,000
	Minor Works	..	..	79,500	59,800	50,800
	Carried over ..	..	..	6,32,800	3,84,300	5,06,700

	RS.
* Government share	1,863
Zamin share	12,034
	13,897 or 13,900

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

a. Extensions and Improvements—*cont.*

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads.				
		Amount of Estimate.	Accounts to end of 1945-6.	Budget Estimate, 1946-7.	Revised Estimate, 1946-7.	Budget Estimate, 1947-8.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS.
	Brought forward ..	..	..	6,32,800	3,84,300	5,06,700
XVII. a. Extensions and Improvements—*cont.*	3. Pennar River Canals system—Minor Works	..	5,994	5,400	2,100	12,000
	4. Poiney Anicut system—Minor Works	..	..	500	400	..
	5. Cheyyar Anicut system—Minor Works	..	..	800	900	2,600
	6. Thadapalli Channel—Major Works—					
	(i) Improvements to the Kugalur Branch Channel ..	..	..	..	..	12,900
	(ii) Remodelling the Kugalur Extensions and experimental Channel	..	..	..	6,000	14,000
	(iii) Excavating a new branch channel, Mevani Distributory from M. 8 F 3½, Kugalur branch channel	..	..	..	..	30,000
	Minor Works	..	..	5,000	..	..
	7. Tirukkoyilur Anicut system—					
	Major Works—					
	Provision of Irrigation facilities to Vakkur and Kappiampuliyur Villages—G.O. No. 1356, P.W., dated 13th May 1946.	30,000	..	..	100	30,000
	Minor Works	..	..	5,000	4,400	4,000
	8. Shatiatope Anicut system—South Arcot Division—Major Works—					
	Provision of additional surplussing arrangements to Perumal tank—G.O. No. 1153, P.W., dated 22nd April 1946	78,000	..	30,000	10,000	70,000
	Minor Works	..	..	..	2,300	2,900
	9. Mehamathur Anicut system—Minor Works	..	..	..	100	..
	10. Vriddhachalam Anicut system—Minor Works ..	..	..	114	193	3,000
	11. Lower Coleroon Anicut system—Major Works—South Arcot Division—					
	(i) Improvements to Karungalur drain CR. 3/44-45—G.O. Ms. No. 1578, P.W., dated 1st June 1944.	A.S.16,700 T.S.16,000	15,468	..	300	..
	(ii) Shifting the source of supply of Khan Sahib canal and Gavarapet channel.	..	..	..	..	10,000
	Minor Works	..	..	..	1,300	1,600
	12. Cauvery Delta system—Major Works—Vennar Division—					
	(i) Providing irrigation facilities to Vallamperembur and Nagathi villages from Pillai Voikal No. 3 channel in Vennar—G.O. No. 1233, P.W., dated 1st May 1944.	72,450 T.S. 55,700	30,395	..	8,000	..
	(ii) Extension of irrigation under the Cauvery-Kondanar channel of Vennayar river in Prathanaparampuram, etc., villages—G.O. No. 1702, dated 14th June 1944.	53,810 T.S. 41,370	31,016	5,000	5,000	..
	(iii) Improvements to the Valakarai drainage channel, Negapatam Taluk, Tanjore District—G.O. No. 601, P.W., dated 4th March 1946.	17,000	..	1,000	100	11,000
	Carried over ..	..	..	6,85,614	4,25,493	7,10,700

A.S. = Administrative Sanction. R.E. = Revised Estimate. T.S. = Technical Sanction.

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

a. EXTENSIONS AND IMPROVEMENTS—*cont.*

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads. Amount of Estimate.	Accounts to end of 1945–6.	Budget Estimate, 1946–7.	Revised Estimate, 1946–7.	Budget Estimate, 1947–8.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS
	Brought forward ..	..	..	6,85,614	4,25,493	7,10,700
XVII. a. Extensions and Improvements—*cont.*	12. Cauvery Delta system—*cont.* Major Works—*cont.* Vennar Division—*cont.*					
	(iv) Providing Improvements to Marakkakorayar—G.O. No. 1296, P.W., dated 20th April 1946.	1,16,500	..	..	45,000	1,00,000
	(v) Providing drainage improvements to Kilathangiar—G.O. No. 1296, P.W., dated 20th April 1946.	77,000	..	..	10,000	50,000
	(vi) Providing direct source of supply to Kalumangalam lands.	R.E. 8,760	..	..	2,000	2,500
	Cauvery Division—					
	(vii) Drainage improvements to Cauvery Delta in Cauvery Division—G.O. No. 1296, P.W., dated 20th April 1946.	18,31,100	..	..	35,000	2,00,000
	Grand Anicut Canal Division—					
	(viii) Providing irrigation facilities to lands in Kambayanatham village and Motteri Tank Bed—G.O. Ms. No. 1446, P.W., dated 19th May 1944.	26,200	18,025	1,000	1,000	..
	Minor Works	..	..	23,200	28,900	35,000
	13. Periyar system—Minor Works	..	..	11,800	8,100	9,200
	14. Srivaikuntam Anicut system—Minor Works ..	..	..	..	600	..
	15. Kattalai Scheme— Minor Works { *Charged* ..	..	..	..	*100*	..
	Minor Works { Voted ..	..	..	3,500	300	3,500
	16. Polavaram Island Project— Minor Works	..	..	2,000	2,300	3,400
	17. Cauvery-Mettur Project—Grand Anicut canal—Minor Works	..	..	36,800	44,200	21,300
	18. Kistna East Bank Canal Scheme—Minor Works	..	..	9,003	4,600	7,900
	19. Nandiyar Channel System—Minor Works	..	..	2,000	4,000	5,727
	20. Chembarambakkam Tank ..	..	..	..	200	100
	21. Marudur Anicut System ..	..	..	..	100	..
	Total ..	..	..	7,74,917	6,11,893	11,49,327
	Charged ..	..	..	..	*100*	..
	Voted ..	..	..	7,74,917	6,11,793	11,49,327
	Deduct—Old Maintenance Charges	..	..	—53,317	—1,28,093	—3,14,327
GRAND TOTAL—XVII. a. IRRIGATION WORKS—PRODUCTIVE WORKS—EXTENSIONS AND IMPROVEMENTS—		..	..	7,21,600	4,83,800	8,35,000
	Charged ..	..	..	..	*100*	..
	VOTED ..	..	..	7,21,600	4,83,700	8,35,000

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

b. Maintenance and Repairs.

Sub-heads of appropriation. (1)	Detailed account heads. (2)		Figures by detailed account heads. Accounts, 1945–6. (3)	Budget Estimate, 1946–7. (4)	Revised Estimate, 1946–7. (5)	Budget Estimate, 1947–8. (6)
			RS.	RS.	RS.	RS.
XVII. b. Maintenance and Repairs.	Maintenance and Repairs.					
	1. Godavari Delta system ..	O.R.	12,53,827	12,90,400	11,37,300	12,37,900
		F.R.	..	31,400	44,000	1,000
	2. Kistna Delta system	O.R.	10,00,200	9,92,100	11,28,200	12,95,500
		F.R.	..	6,000	17,000	6,400
	3. Pennar River Canals system ..	O.R.	1,20,954	1,28,000	1,53,000	1,50,000
		F.R.	..	13,600	33,400	18,600
	4. Cumbum tank	O.R.	2,694	1,800	2,600	2,900
	5. Chembarambakkam tank ..	O.R.	10,865	9,500	15,400	9,500
	6. Poiney Anicut system ..	O.R.	56,942	27,000	35,000	40,000
		F.R.	..	9,000	20,000	..
	7. Cheyyar Anicut system ..	O.R.	62,539	37,200	37,700	44,200
		F.R.	..	13,000	16,000	..
	8. Thadapalli channel	O.R.	17,693	17,200	21,400	21,700
	9. Arkenkota channel	O.R.	6,381	6,500	6,900	8,000
	10. Kalingarayan channel ..	O.R.	20,206	20,600	18,000	20,000
	11. Tirukkoyilur Anicut system ..	O.R.	73,712	19,000	26,500	22,800
		F.R.	..	22,800	20,000	10,000
	12. Shatiatope Anicut system ..	O.R.	25,698	20,000	35,500	25,000
		F.R.	..	5,000	6,000	1,000
	13. Mehmathur Anicut system ..	O.R.	5,817	3,400	6,000	6,600
	14. Vriddhachalam Anicut system	O.R.	7,901	6,200	8,000	6,278
		F.R.	..	..	100	..
	15. Lower Coleroon Anicut system	O.R.	1,13,582	1,03,100	1,54,102	1,53,500
	16. Cauvery Delta system ..	O.R.	2,19,250	7,41,200	9,99,200	9,92,800
		F.R.	..	2,000	2,000	..
	17. Nandiyar Channel system ..	O.R.	7,801	6,000	13,000	11,500
	18. Periyar system	O.R.	2,05,202	2,13,300	1,95,800	2,28,000
		F.R.	..	2,000	9,000	..
	19. Srivaikuntam Anicut system ..	O.R.	87,199	72,000	50,000	52,000
		F.R.	..	..	2,100	..
	20. Marudur Anicut system ..	O.R.	16,827	15,000	12,500	15,000
		F.R.	..	..	100	..
	21. Kattalai scheme	O.R.	10,570	51,000	69,700	73,300
	22. Polavaram Island Project ..	O.R.	53,296	33,600	38,000	44,800
		F.R.	..	..	10,200	..
	23. Cauvery-Mettur Project ..	O.R.	2,76,408	2,63,000	4,15,900	3,40,600
	24. Kistna East Bank Canal Extension Scheme	O.R.	95,714	96,030	1,37,800	2,06,100
		F.R.	..	400	400	..
	Total ..		37,51,278	42,78,330	48,97,802	50,44,978
	Deduct—Old Maintenance Charges.		..	—6,67,730	—7,06,202	—7,01,678
Grand Total—XVII. b. Irrigation Works—Productive Works—Maintenance and Repairs—Voted			37,51,278	36,10,600	41,91,600	43,43,300

F.R. = Flood Repairs. O.R. = Other Repairs.

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

c. Establishment.

Sub-heads of appropriation.	Strength.		Details.	Figures by detailed account heads.			
	1946-7.	1947-8.		Accounts, 1945-6.	Budget Estimate, 1946-7.	Revised Estimate, 1946-7.	Budget Estimate, 1947-8.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Voted—	RS.	RS.	RS.	RS.
c. A. Special Establishment.	1	2	Kistna anicut— Driver for shutter-lifting machines, 1 (50—70); Assistant Driver, 1 (20—35).	..	1,100	1,100	1,800
	2	2	Godavari anicut— Driver for shutter-lifting machines 1 (45—60); Assistant Driver 1(20—35).	..	1,200	1,200	1,200
			Total—c. A.—Voted ..	..	2,300	2,300	3,000
Grand Total—XVII. c. Establishment—Voted ..				978	2,300	2,300	3,000

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—UNPRODUCTIVE WORKS.

d. Extensions and Improvements.

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads.				
		Amount of Estimate.	Accounts to end of 1945-6.	Budget Estimate, 1946-7.	Revised Estimate, 1946-7.	Budget Estimate, 1947-8.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS.
XVII. d. Extensions and Improvements.	1. Nagavalli River System—Minor Works	..	..	6,200	5,800	2,500
	2. Muniyeru System—Minor Works	..	..	..	300	1,300
	3. Kurnool-Cuddapah canal—Minor Works	..	..	1,000	1,000	513
	4. Palar Anicut System—Minor Works	..	..	10,200	11,800	8,500
	5. Toludur Project—Minor Works	..	..	3,800	1,600	2,300
	6. Bhavanasi Tank—Minor Works	..	..	..	1,400	..
	7. Pelandorai Anicut System—Minor Works	..	..	..	400	..
	8. Chicacole Minor River System—					
	Major Work—Forming flood bank and providing revetments to the left margin of the Vamsadhara river between the heads of Lukulam and Polaki Channels—G.O. Ms. Nos. 5519, P.W.D., dated 1st April 1943 and 5594, P.W.D., dated 16th April 1943.	25,500	..	5,900	5,900	20,000
	9. Yellanur Tank	..	..	300	300	..
	10. Dondapad Tank	..	..	5,000	5,000	1,500
	11. Duvvaleru Project ..	..	..	113	100	..
	12. Vallur Anicut System ..	..	..	..	113	..
	Total ..	..	..	32,513	33,713	36,613
	Deduct—Old Maintenance Charges	..	..	— 7,813	— 7,813	— 7,813
Grand Total—XVII. d. Irrigation Works—Unproductive Works—Extensions and Improvements—Voted ..		..	47,357	24,700	25,900	28,800

R.E. = Revised Estimate.

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—UNPRODUCTIVE WORKS—*cont.*

e. Maintenance and Repairs.

Sub-heads of appropriation.	Detailed account heads.		Figures by detailed account heads.			
			Accounts, 1945-6.	Budget Estimate, 1946-7.	Revised Estimate, 1946-7.	Budget Estimate, 1947-8.
(1)	(2)		(3)	(4)	(5)	(6)
	Maintenance and Repairs.		RS.	RS.	RS.	RS.
XVII. e. Maintenance and Repairs.	1. Nagavalli river system ..	O.R.	35,990	33,900	39,200	43,600
		F.R.	..	100	..	..
	2. Muniyeru system	O.R.	9,716	11,800	12,200	13,500
	3. Bhavanasi tank	O.R.	3,486	3,000	3,100	3,100
	4. Ponnalur tank	O.R.	785	800	800	800
	5. Hajipuram tank	O.R.	495	500	521	500
	6. Mopad reservoir	O.R.	6,635	14,000	14,000	8,000
		F.R.	..	..	2,500	2,000
	7. Markapur tank	O.R.	1,816	2,000	3,500	2,800
	8. Siddapur tank	O.R.	1,383	1,300	1,400	1,200
	9. Venkatapuram tank	O.R.	627	1,521	1,600	1,500
	10. Sagileru system	O.R.	2,340	4,000	5,200	5,000
	11. Kurnool-Cuddapah canal ..	O.R.	93,261	93,900	1,22,200	96,000
	12. Yellanur tank system ...	O.R.	1,799	500	500	500
	13. Madras water-supply and irrigation system	O.R.	19,516	18,000	20,800	18,000
	14. Vallur anicut system ..	O.R.	1,201	1,700	8,000	3,000
	15. Barur tank	O.R.	5,527	5,500	5,500	7,500
	16. Kanniyampalayam anicut ..	O.R.	501	800	800	800
	17. Palar anicut system	O.R.	3,01,007	2,09,400	2,21,000	1,08,000
		F.R.	..	37,000	64,900	..
	18. Pelandorai anicut system ..	O.R.	15,964	12,000	23,000	15,000
		F.R.	..	1,100	..	1,000
	19. Jangamaheswarapuram tank ..	O.R.	400	200	200	300
	20. Atmakur tank	O.R.	899	2,600	2,600	700
	21. Nagavaram anicut and supply channel.	O.R.	1,590	400	1,800	521
	22. Anamasamudram-Berapéru tank.	O.R.	189	700	1,300	700
	23. Yerur tank	O.R.	400	400	400	600
	24. Basavannah channel ..	O.R.	6,424	5,700	6,800	6,800
	25. Dondapad tank	O.R.	5,443	500	500	500
	26. Chicacole minor rivers system.	O.R.	35,568	31,600	45,600	62,400
		F.R.	..	..	900	..
	27. Toludur project	O.R.	28,262	23,100	34,500	30,000
	28. Tippayapalem project ..	O.R.	1,112	1,100	1,200	1,100
	29. Duvvaleru project	O.R.	1,842	1,000	1,000	1,000
		F.R.	168	..	400	..
	30. Panjapatti Reservoir ..		..	300	900	300
	Total ..		5,84,346	5,20,421	6,48,821	4,36,721
	Deduct—Old Maintenance Charges.		..	— 14,321	— 14,321	— 14,321
Grand Total—XVII. e. Irrigation Works—Unproductive Works—Maintenance and Repairs—Voted ..			5,84,346	5,06,100	6,34,500	4,22,400

F.R. = Flood Repairs. O.R. = Other Repairs.

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.

Sub-heads of appropriation. (1)	Details. (2)		Figures by detailed account heads. Accounts, 1945-6. (3)	Budget Estimate, 1946-7. (4)	Revised Estimate, 1946-7. (5)	Budget Estimate, 1947-8. (6)
			RS.	RS.	RS.	RS.
f. Extensions and Improvements.	Minor Works		22,047	22,200	4,900	29,000
	TOTAL—XVII. f. EXTENSIONS AND IMPROVEMENTS—VOTED		22,047	22,200	4,900	29,000
g. Maintenance and Repairs.	1. Buckingham Canal ..	O.R.	4,37,499	4,26,500	4,28,800	5,29,000
		F.R.	..	20,500	15,000	8,000
	2. Vedarannyam Canal ..	O.R.	4,031	10,700	13,900	8,900
	TOTAL—XVII. g. MAINTENANCE AND REPAIRS— VOTED ..		4,41,530	4,57,700	4,57,700	5,45,900

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Establishment.

Sub-heads of appropriation. (1)	Details. (2)		Accounts, 1945-6. (3)	Budget Estimate, 1946-7. (4)	Revised Estimate, 1946-7. (5)	Budget Estimate, 1947-8. (6)
			RS.	RS.	RS.	RS.
Establishment.	Charges for distribution of water.	*Charged* ..	(*b*)	*34,400*	*32,300*	*29,400*
		Voted ..	3,89,306	3,34,800	3,52,400	3,55,300
	Establishment on *pro rata* basis.	*Charged* ..	(*a*) *1,45,298*	*80,300*	*1,07,700*	*63,700*
		Voted ..	10,24,272	7,81,100	11,72,200	7,71,200
	GRAND TOTAL—XVII. ESTABLISHMENT ..		15,58,876	12,30,600	16,64,600	12,19,600
		Charged ..	*1,45,298*	*1,14,700*	*1,40,000*	*93,100*
		Voted ..	14,13,578	11,15,900	15,24,600	11,26,500
	Distribution of Total Establishment charges as between Productive and Unproductive—					
	Irrigation—					
	Productive	*Charged* ..	*1,15,225*	*96,800*	*1,16,600*	*80,100*
		Voted ..	12,15,320	9,42,000	12,69,900	9,69,400
	Unproductive ..	*Charged* ..	*18,489*	*10,600*	*14,800*	*7,000*
		Voted ..	1,66,235	1,03,300	1,61,200	84,600
	Navigation—					
	Unproductive ..	*Charged* ..	*11,584*	*7,300*	*8,600*	*6,000*
		Voted ..	32,023	70,600	93,500	72,500
	Total ..	*Charged* ..	*1,45,298*	*1,14,700*	*1,40,000*	*93,100*
		Voted ..	14,13,578	11,15,900	15,24,600	11,26,500

F.R. = Flood Repairs. O.R. = Other Repairs. (*a*) includes (*b*).

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.

PUBLIC WORKS DEPARTMENT—a. WORKS.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
	I. ORDINARY AREAS.	RS.	RS.	RS.	RS.	RS.
18. a. WORKS.	MAJOR WORKS—					
	1. *Nellore.*—Formation of a new tank in Mogalicherla village—G.Os. No. 401, P.W., dated 4th March 1943, and No. 3031, P.W., dated 2nd November 1944.	45,800 R.E. 1,44,000	1,06,453	3,000	3,000	1,000
	2. *Nellore.*—Pambaleru project—G.Os. No. 1052, P.W., dated 14th June 1943, and No. 1994, P.W., dated 13th July 1944.	49,200 R.E. 70,000	64,078	3,100	500	3,100
	3. *Nellore.*—Constructing a dam across Venkatagiri river below Chennur tank supply channel head sluice—G.O. No. 1473, P.W., dated 25th July 1943.	16,694 T.S. 23,625	17,131	..	6,000	..
	4. *South Arcot.*—Construction of a protective bund along the foreshore of the French Archivak tank—C.E.I.'s Memorandum No. 2097/28-B-24, dated 22nd December 1932, and G.O. No. 706, P.W. (I.), dated 22nd March 1933.	21,210 W.S. 20,600*	3,521	100	100	5,000
	5. *South Arcot.*—Excavating a channel on the right side of the Vadakanandal anicut across the Gomukki river to supply seven tanks—G.Os. No. 1405, P.W., dated 16th July 1943, and No. 2742, P.W., dated 3rd October 1944.	54,600 R.E. 97,500	93,506	..	— 300	..
	6. *Cuddapah.*—Excavating a direct irrigation channel from the right bank of the Pennar to irrigate certain villages in Siddhout taluk—G.Os. Ms. No. 236, P.W., dated 4th February 1943, and No. 458, P.W., dated 19th February 1945.	1,05,000 R.E. 2,34,000 T.S. 2,57,400	2,26,977	18,000	25,600	..
	7. *Cuddapah.*—Excavating a supply channel to Goturmalli-devaraya cheruvu—G.Os. No. 236, P.W., dated 4th Feb 1943 and No. 951, P.W., dated 4th June 1943.	..	..	..	— 400	..
	8. *Cuddapah.*—Restoration of Beeraperu cheruvu—G.Os. No. 257, P.W., dated 8th February 1943, and No. 56, P.W., dated 5th January 1945.	89,000 R.E. 3,65,000 R.E. 4,15,000	4,11,872	1,000	1,000	7,000
	9. *Cuddapah.*—Constructing a reservoir across Paleru vagu at Owk (Owk tank improvements)—P.W. Memo. No. 861 I./43-1, dated 1st February 1943, and G.O. No. 1746, P.W., dated 20th June 1944.	4,31,000 T.S. 4,74,100	4,87,642	24,000	36,200	25,000
	10. *Kurnool.*—Chinnatekkur project—G.Os. No. 236, P.W., dated 4th February 1943, and No. 3269, P.W., dated 28th November 1944.	96,000 R.E. 6,20,000	6,30,992	23,000	22,100	20,000

R.E. = Revised Estimate. T.S. = Technical Sanction. W.S. = Work Slip.

* French share .. Rs. 8,035.
British share .. „ 12,565.

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT—*cont.*

PUBLIC WORKS DEPARTMENT—a. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
		RS.	RS.	RS.	RS.	RS.
	I. ORDINARY AREAS—*cont.*					
18. a. WORKS—*cont.*	MAJOR WORKS—*cont.*					
	11. *Kurnool.*—Construction of a reservoir across the Gargeyapuram vagu, Rudravaram village—G.Os. No. 301, P.W., dated 16th February 1943, and No. 1533, P.W., dated 1st June 1945.	65,500 / R.E. 1,65,740	1,65,931	2,200	2,200	6,000
	12. *Madanapalle.*—Construction of a reservoir across Kuttalavanka, a tributary of the Chitravati river, or restoration of Gasulapalli tank—G.Os. No. 401, P.W., dated 4th March 1943, and No. 2138, P.W., dated 28th July 1944.	68,000 / R.E. 1,25,300	13,195	..	1,400	..
	13. *Trichinopoly.*—Restoration of the Ponneri tank—G.Os. No. 401, P.W., dated 4th March 1943, and No. 2961, P.W., dated 26th October 1944.	1,30,000 / R.E. 6,25,000	4,96,439	..	25,000	1,000
	14. *Trichinopoly.*—Formation of a tank across the Uppar in Omandur village, Lalgudi taluk—G.Os. No. 1245, P.W., dated 2nd July 1943, and No. 1930, P.W., dated 7th July 1944.	80,000 / R.E. 2,64,700	2,95,731	..	9,500	..
	15. *Bellary Division.*—Restoration of the Mallapanakari tank—G.O. No. 1840, P.W., dated 28th June 1944.	41,000 / T.S. 45,000	20,490	21,500	17,100	..
	16. *Bellary Division.*—Restoration of the ruined tank in Titakal village—G.Os. No. 1025, P.W., dated 11th June 1943, and No. 57, P.W., dated 6th January 1945.	8,800 / R.E. 32,600	32,853	600	900	..
	17. *Chingleput Division.*—Construction of an anicut across Ninjalmaduvu—G.O. No. 1925, P.W., dated 7th July 1944.	3,71,000 / T.S. 5,34,750	3,73,717	..	32,400	..
	18. *Madanapalle Division.*—Excavating a supply channel for providing irrigation facilities to block II in Gangavaram and Vibravaram villages—G.O. No. 1678, P.W., dated 20th June 1945.	19,000 / T.S. 20,900	1,985	16,000	13,000	..
	19. *Tinnevelly Division.*—Restoring the Thalai Anai Dam across the Palayar—G. O. No. 438, P. W., dated 15th February 1945.	2,09,183*	100	22,400	..	..
	20. *Godavari Northern Division.*—Construction of a surplus weir at the head of the Chalivagu breach in Yerra calva—Excavation of a diversion channel in Madapalli Agraharam village—G.O. No. 2301, P.W., dated 28th October 1940.	24,600 / 27,000	..	..	*1,900*	..
	21. *Godavari CentralDivision.*—Extensiorn of irrigation to about 874 aces in Komaragiripatnam village, Amalapur taluk G.O.—Ms.No. 947, P.W., dated 2nd April 1946.	85,000	..	20,000	..	..

R.E. = Revised Estimate. T.S. = Technical Sanction.

* Sivagiri Estate share Rs. 1,74,278 and Governmentt. share Rs. 34,905.

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT—*cont.*

PUBLIC WORKS DEPARTMENT—a. WORKS—*cont.*

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
	I. ORDINARY AREAS—*cont.*	RS.	RS.	RS.	RS.	RS.
18. a. WORKS—*cont.*	MAJOR WORKS—*cont.*					
	22. *Nellore Division.*—Excavation of a supply channel from Boggeru Bhimavaram tank, Udayagiri taluk—G.O. No. 2318, P.W., dated 4th September 1945.	66,000	..	50,000	30,000	50,000
	23. *Chingleput Division.*—Construction of a sluice in Poondi Regulator Bund—G.O. No. 2879, P.W., dated 10th November 1945.	12,200	8,420	4,700	4,700	..
	TOTAL—MAJOR WORKS ..	..	..	2,09,600	2,31,900	1,18,100
	Charged ..	..	..	..	*1,900*	..
	VOTED ..	..	..	2,09,600	2,30,000	1,18,100
	MINOR WORKS—					
	PUBLIC WORKS DEPARTMENT WORKS AND REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT.	..	..	36,000	17,900	4,200
	TOTAL—18. a. WORKS—I. ORDINARY AREAS ..	..	..	2,45,600	2,49,800	1,22,300
	Charged ..	..	..	..	*1,900*	..
	VOTED ..	..	..	2,45,600	2,47,900	1,22,300
	II. PARTIALLY EXCLUDED AREAS.					
	POST-WAR RECONSTRUCTION.					
18. a. WORKS.	MAJOR WORKS—					
	1. *Vizagapatam North Division*—Construction of wells in Araku Valley—G.O. No. 2672, Development, dated 9th July 1945.	21,000	7,265	16,900	16,900	..
	TOTAL—18. a. WORKS—II. PARTIALLY EXCLUDED AREAS—POST-WAR RECONSTRUCTION—VOTED ..	..	..	16,900	16,900	..
GRAND TOTAL—18. a. IRRIGATION WORKS—PUBLIC WORKS DEPARTMENT—WORKS ..	..	..	..	2,62,500	2,66,700	1,22,300
	Charged ..	..	..	..	*1,900*	..
	VOTED ..	..	..	2,62,500	2,64,800	1,22,300

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18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT—*cont.*

PUBLIC WORKS DEPARTMENT—b. EXTENSIONS AND IMPROVEMENTS.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Accounts, 1945-6. (3)	Budget Estimate, 1946-7. (4)	Revised Estimate, 1946-7. (5)	Budget Estimate, 1947-8. (6)
		RS.	RS.	RS.	RS.
EXTENSIONS AND IMPROVEMENTS.	VOTED— PUBLIC WORKS DEPARTMENT WORKS ..	..	1,71,200	2,15,100	2,23,600
	OLD MAINTENANCE CHARGES	..	61,100	1,35,900	3,22,100
GRAND TOTAL—18. b. IRRIGATION WORKS —PUBLIC WORKS DEPARTMENT— EXTENSIONS AND IMPROVEMENTS —VOTED ..		1,89,351	2,32,300	3,51,000	5,45,700

PUBLIC WORKS DEPARTMENT—c. MAINTENANCE AND REPAIRS.

MAINTENANCE AND REPAIRS.	PUBLIC WORKS DEPARTMENT WORKS— ORDINARY REPAIRS	23,00,206	9,52,700	12,07,400	14,18,300
	FLOOD REPAIRS	..	2,00,100	2,47,700	1,18,700
	TANK RESTORATION SCHEME REPAIRS ..	895	4,500	5,000	13,000
	REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT— ORDINARY REPAIRS	16,328	2,100	3,600	4,000
	FLOOD REPAIRS	..	..	200	..
	OLD MAINTENANCE CHARGES	..	6,82,100	7,20,500	7,16,000
GRAND TOTAL—18. c. IRRIGATION WORKS —PUBLIC WORKS DEPARTMENT— MAINTENANCE AND REPAIRS— VOTED ..		23,17,429	18,41,500	21,84,400	22,70,000

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—MISCELLANEOUS EXPENDITURE.

PUBLIC WORKS DEPARTMENT—d. ESTABLISHMENT.

Sub-heads of appropriation. (1)	Strength. 1946-7. (2)	Strength. 1947-8. (3)	Details. (4)	Figures by detailed account heads. Accounts, 1945-6. (5)	Budget Estimate, 1946-7. (6)	Revised Estimate, 1946-7. (7)	Budget Estimate, 1947-8. (8)
				RS.	RS.	RS.	RS.
d. A. PAY OF OFFICERS AND ESTABLISHMENTS.			TOTAL—d. A.—*Charged* ..	..	..	*12,400*	*17,300*
			VOTED ..	..	2,41,400	3,97,700	2,19,500
d. B. OTHER CHARGES.			TOTAL—d. B.—*Charged* ..	..	..	*2,600*	*3,700*
			VOTED ..	..	1,74,000	1,18,700	65,600
GRAND TOTAL—18. d. IRRIGATION WORKS—MISCELLANEOUS EXPENDITURE—PUBLIC WORKS DEPARTMENT —ESTABLISHMENT				2,37,084	4,15,400	5,31,400	3,06,100
			Charged ..	..	..	*15,000*	*21,000*
			VOTED ..	2,37,084	4,15,400	5,16,400	2,85,100

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS.

Minor Irrigation—j. Establishment.

Sub-heads of appropriation.	Strength. 1946–7.	Strength. 1947–8.	Details.	Accounts, 1945–6.	Budget Estimate, 1946–7.	Revised Estimate, 1946–7.	Budget Estimate, 1947–8.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
				RS.	RS.	RS.	RS.
			A. Ordinary Areas.				
j. A. 1. Pay of Establishments.			Voted—				
			Permanent	1,70,694	1,78,000	1,78,000	1,79,900
	140	140	Supervisors 2 (150—5—200—10—220), 12 (125—10/2—175—15/2—190); Overseers 61 (50—2½—100), 57 (50—4/2—90), 8 (30—5/2—80).				
	17	17	Clerk-draughtsmen 5 (35—60), 11 (30—55); Maistri 1 (30).				
	140	151	Lascars 150 (12—18), 1 (12—17).				
	..	2	Amins 1 (18), 1 (15).				
			Leave allowances.				
			Temporary	18,791	12,400	13,000	7,600
			Total—j. A. 1.—Voted ..	1,89,485	1,90,400	1,91,000	1,87,500
j. A. 2. Other Charges.			Voted—				
			Travelling Allowances ..	4,100	4,300	4,900	4,800
			Fixed Travelling Allowances ..	67,627	70,900	67,000	72,000
			Other Compensatory Allowance.	134	200	400	400
			Dearness and Cost of Living Allowances..	78,651	76,900	86,200	79,400
			Contingencies	2,576	1,900	3,400	1,900
			Dearness Allowance to Menials.	216	400	300	300
			Total—j. A. 2—Voted ..	1,53,304	1,54,600	1,62,200	1,58,800
			Total—j. A.—Ordinary Areas—Voted ..	3,42,789	3,45,000	3,53,200	3,46,300
			B. Partially Excluded Areas.				
j. B. Pay of Establishments and other Charges.			Voted—				
			Permanent	3,868	3,600	4,100	4,100
	7	7	Overseers 2 (50—2½—100); 2 (50—4/2—90); Lascars 3 (12—17); Special pay (unhealthy) 4 (13½), 3 (2).				
			Temporary	1,067	1,100	1,000	1,000
			Other Charges—				
			Travelling Allowances ..	288	100	400	300
			Fixed Travelling Allowances ..	2,690	2,800	3,100	3,100
			Dearness and Cost of Living Allowances	2,035	1,700	2,600	2,600
			Contingencies	..	100	100	100
			Dearness Allowance to Menials.	213	..	..	..
			Total—j. B.—Partially Excluded Areas—Voted	10,161	9,400	11,300	11,200
GRAND TOTAL—18. j. IRRIGATION WORKS—MINOR IRRIGATION—ESTABLISHMENT—VOTED				3,52,950	3,54,400	3,64,500	3,57,500

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT.

PUBLIC WORKS DEPARTMENT—n. WORKS.

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
		RS.	RS.	RS.	RS.	RS.
18. n. WORKS ..	MAJOR WORKS—					
	1. *Buckingham Canal Division.*—Improvements to West flood bank of North Buckingham canal between M. 5/3 to 10/2—G.O. Ms. No. 1425, P.W., dated 18th May 1944.	2,33,000	1,71,332	7,500	200	..
	2. *Buckingham Canal Division.*—Forming a flood bank from M. 5/3 North Buckingham canal to Kutbiraikothalamnatham—G.O. No. 1425, P.W., dated 18th May 1944.	1,07,500	78,862	1,400	600	..
	3. *Chingleput Division.*—Constructing a regulator across the Cooum river at its head near Kesavaram—G.O. No. 2383, P.W., dated 23rd August 1944.	2,70,000 T.S. 2,97,000	2,54,922	7,000	7,000	..
	TOTAL—MAJOR WORKS—VOTED ..	..	..	15,900	7,800	..
	MINOR WORKS ..	..	..	400	300	12,100
GRAND TOTAL—18. n. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—WORKS—VOTED ..		..	..	16,300	8,100	12,100

19.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE.

a. WORKS.

a. A. GODAVARI DELTA SYSTEM.	MAJOR WORKS—	RS.	RS.	RS.	RS.	RS.
	1. *Godavari Western Division.*—Remodelling the Achanta channel and its branches—G.Os. No. 859, P.W., dated 5th April 1939, and No. 5038, P.W., dated 7th January 1943 (Debit to XVII. E. & I. Rs. 8,390).	4,300	800	1,700	1,400	1,700

19.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
a. A. GODAVARI DELTA SYSTEM—*cont.*	MAJOR WORKS—*cont.*	RS.	RS.	RS.	RS.	RS.
	2. Extension of the Vadlur-Tetali channel—G.O. No. 2509, P.W., dated 6th September 1944, and Govt. Memo. No. 4466-D/44-2, dated 21st October 1944.	1,10,500	20,050	80,000	80,000	21,000
	3.* *Gannavaram Aqueduct Division*—Protecting the front and rear aprons of Gannavaram Aqueduct with reinforced concrete sheet piles—G.O. No. 529, P.W., dated 24th February 1945, and Memo. No. 1355-D/45, P.W., dated 5th December 1945.	7,67,000	4,27,661	85,500	..	..
	4. *Godavari Central.*—Extension of irrigation to about 874 acres in Komaragiripatnam village, Amalapur taluk—G.O. Ms. No. 947, P.W., dated 2nd April 1946.	85,000	..	..	15,000	70,000
		..	..	1,67,200	96,400	92,700
	MINOR WORKS	..	..	12,200	11,100	5,400
	TOTAL—a. A. GODAVARI DELTA SYSTEM	..	..	1,79,400	1,07,500	98,100
a. B. POLAVARAM ISLAND PROJECT.	MINOR WORKS	..	..	2,000	1,700	..
	TOTAL—a. B. POLAVARAM ISLAND PROJECT ..	..	..	2,000	1,700	..
a. C. KISTNA DELTA SYSTEM.	MAJOR WORKS— *Kistna Eastern Division.*—1. Providing irrigation facilities to Chilakalapudi and Kara Agraharam lands—G.O. Ms. No. 1725, P.W., dated 26th June 1945.	† 29,010	100	8,600	..	8,600
		..	..	8,600	..	8,600
	MINOR WORKS	..	..	— 5,300	— 200	3,100
	TOTAL—a. C. KISTNA DELTA SYSTEM ..	..	..	3,300	— 200	11,700
a. D. CAUVERY DELTA SYSTEM.	MAJOR WORKS—					
	1. *Vennar Division.*—Construction of a regulator across the Korayar and a drainage sluice for Manakattankottagam drainage channel in Tanjore district—G.Os. No. 5511, dated 1st April 1943, and No. 1601, dated 9th August 1943.	R.E. 59,800 / T.S. 65,780	64,456	..	4,400	..
	2. Providing irrigation facilities to certain lands in Narasanayagam and Rajendran villages—G.O. No. 1187, P.W., dated 24th April 1944.	30,300 / T.S. 23,290	22,126	..	1,100	..
	TOTAL—a. D. CAUVERY DELTA SYSTEM	..	..	..	5,500	..
a. E. CAUVERY-METTUR PROJECT.	MINOR WORKS	..	..	..	500	9,000
	TOTAL—a. E. CAUVERY-METTUR PROJECT ..	..	..	..	500	9,000

R.E. = Revised Estimate. T.S. = Technical Sanction.
* Transferred to "68. Irrigation."

		RS.
† Contribution	..	20,710
Government share	..	8,300
Total	..	29,010

19.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
		RS.	RS.	RS.	RS.	RS.
	TOTAL—a. E. ..	..	..	— 3,100	— 3,100	..
a. F. *Deduct*—CONTRIBUTION FROM CENTRAL GOVERNMENT IN FURTHERANCE OF FOOD PRODUCTION CAMPAIGN.						
GRAND TOTAL—IRRIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—a. WORKS—VOTED ..		..	..	1,81,600	1,11,900	1,18,800

19.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE.

b. WORKS.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS.
b. A. NAGAVALLI RIVER SYSTEM.	MAJOR WORKS—					
	1. *Vizagapatam Division.*—Excavating Kumarigunta distributary—G.O. No. 30-S, dated 22nd April 1942.	19,000	3,002	3,900	3,900	..
			..	3,900	3,900	..
	MINOR WORKS ..	..	..	2,000	..	..
	TOTAL—b. A. NAGAVALLI RIVER SYSTEM ..	..	..	5,900	3,900	..
b. C. ATMAKUR TANK.	*Guntur Division*—MINOR WORKS	..	..	3,800	2,200	..
	TOTAL—b. C. ATMAKUR TANK	..	..	3,800	2,200	..
b. D. DONDAPAD TANK SYSTEM.	MAJOR WORKS—					
	1. *Guntur Division.*—Peddakandleru Project.	3,00,000	..	..	..	80,000
	TOTAL—b. D. DONDAPAD TANK SYSTEM	..	..	..	..	80,000
b. E. MOPAD RESERVOIR.	MAJOR WORKS—					
	1. *Nellore Division.*—Constructing an anicut across the Pillaperu river and excavating a leading channel to improve supply to Mopad channel—G.Os. Ms. No. 401, P.W., dated 4th March 1943, and No. 1794, P.W., dated 31st August 1943.	1,10,000	1,26,121	8,000	8,000	..
	TOTAL—b. E. MOPAD RESERVOIR	..	..	8,000	8,000	..

19.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—*cont.*

b. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
	MAJOR WORKS—	RS.	RS.	RS.	RS.	RS.
b. F. UDUTHORAHALLA SCHEME.	1. *Salem Division.*—Uduthorahalla scheme—G.Os. Ms. No. 1235, P.W., dated 1st July 1943, and Ms. No. 2335, P.W.D., dated 2nd November 1943.	1,61,500	1,11,203	..	4,700	..
	TOTAL—b. F. UDUTHORAHALLA SCHEME ..	..	..	..	4,700	..
b. G. KURNOOL - CUDDAPAH CANAL SYSTEM.	*Kurnool Division*—					
	MINOR WORKS	..	..	..	5,100	3,800
	TOTAL—b. G. KURNOOL-CUDDAPAH CANAL SYSTEM	..	..	..	5,100	3,800
GRAND TOTAL—IRRIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—b. WORKS—VOTED		..	..	17,700	23,900	83,800

19.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—NAVIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE.

c. WORKS.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
c. BUCKINGHAM CANAL.	MAJOR WORKS—	RS.	RS.	RS.	RS.	RS.
	Buckingham Canal Division—					
	1. Improvements to Madras Wharf at Basin Bridge—G.Os. No. 379, P.W., dated 7th February 1942, and No. 5668, P.W., dated 4th May 1943.	R.E. 1,89,000	2,08,246	— 13,000	— 12,000	..
	2. Provision of a Wharf between Trevelyan Basin and Basin Bridge—G.O. No. 704, P.W., dated 7th March 1942.	T.S. 2,25,000	2,15,358	..	— 300	..
	TOTAL—c. BUCKINGHAM CANAL	..	..	— 13,000	— 12,300	..
GRAND TOTAL—NAVIGATION WORKS—A. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—c. WORKS—VOTED		..	..	—13,000	—12,300	..

R.E. = Revised Estimate. T.S. = Technical Sanction.

DEMAND XXXIII—CAPITAL OUTLAY ON IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1947-8.

Demand for Grant (Voted) .. Rs. 1,84,07,200

Total of Sums Charged .. *Rs. 1,02,500*

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and Sub-heads of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—PRODUCTIVE.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
68. a. WORKS—								
A. Godavari Delta System.	..	1,73,573	..	2,64,100	..	11,97,100	..	16,42,900
B. Kistna Delta System..	..	88,220	..	2,06,700	..	1,74,300	..	3,88,600
C. Kistna East Bank Canal Extension Scheme.	..	3,332	..	2,000	..	3,700	..	..
D. Pennar River Canals System	..	— 23	..	6,500	..	6,500	..	..
E. Cauvery Delta System.	..	795	..	20,000	..	27,100	..	69,000
F. Cauvery-Mettur Project	..	— 83,528	..	4,11,200	..	2,06,700	..	6,76,400
Total—68. a. Works ..	..	(a) 1,92,270	..	9,10,500	..	16,15,400	..	27,76,900
68. b. ESTABLISHMENT—								
A. Special Establishments—								
1. Cauvery-Mettur Project	*2,497*	16,457	..	..	..	50,500	..	56,600
2. Other Projects ..	..	734	..	..	..	..	..	..
Total—68. b. A. ..	*2,497*	17,191	..	..	..	50,500	..	56,600
B. Pension Charges—								
1. Cauvery-Mettur Project	*297*	877	..	..	..	6,000	..	6,700
2. Other Works	*386*	2,351	*1,700*	16,600	*1,700*	18,100	*2,000*	24,800
Total—68. b. B. ..	*683*	3,228	*1,700*	16,600	*1,700*	24,100	*2,000*	31,500
Total—68. b. ..	*3,180*	20,419	*1,700*	16,600	*1,700*	74,600	*2,000*	88,100
68. c. *Deduct*—								
1. Receipts and Recoveries on Capital Account.	..	— 63,765	..	— 3,500	..	—1,07,700	..	— 4,100
2. Contribution from the Central Government in furtherance of Food Production Campaign.	..	— 40,207	..	..	.	—5,44,600	..	—2,32,600
Total—68. c. ..	..	—1,03,972	..	— 3,500	..	—6,52,300	..	— 2,36,700
68. d. CHARGES IN ENGLAND—								
High Commissioner for India—								
Cauvery-Mettur Project—								
Leave Salaries and Deputation Pay ...	..	..	..	..	..	600	..	...
Total—68. d. ..	..	..	..	..	..	600	..	..
TOTAL—68. IRRIGATION WORKS—PRODUCTIVE.	*3,180*	1,08,717	*1,700*	9,23,600	*1,700*	10,38,300	*2,000*	26,28,300

(a) Includes Rs. 9,901 on account of 'Kattalai Scheme.'

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and Sub-heads of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
POST-WAR RECONSTRUCTION.								
OTHER THAN TUNGABHADRA PROJECT.								
68. e. Works—								
A. Kistna Delta System.	..	..	..	5,00,000	..	5,00,000	..	20,00,000
B. Lower Bhavani Project.	..	..	..	..	..	..	..	28,00,000
Total—Irrigation Works—Unproductive—Post-war Reconstruction—(Other than Tungabhadra Project)	..	..	..	5,00,000	..	5,00,000	..	48,00,000
TUNGABHADRA PROJECT.								
I. HEAD WORKS.								
68. e. Works—								
e. A. Preliminaries ..	..	..	..	42,000	..	13,500	..	2,000
e. B. Land (Including Land Acquisition Establishment)	..	..	..	20,00,000	..	10,67,300	..	16,00,000
e. C. Works	..	..	..	2,00,000	..	61,000	..	13,30,000
e. G. Bridges	..	..	..	1,00,000	..	51,300	..	2,49,000
e. K. Buildings	..	..	..	6,80,000	..	11,52,100	..	12,15,000
e. M. Plantations ..	..	..	..	5,000	..	2,000	..	1,000
e. O. Miscellaneous—Communications ..	..	..	..	3,40,000	..	2,61,000	..	2,16,000
e. O. Miscellaneous—Sanitation	..	..	..	5,19,000	..	4,91,000	..	3,62,000
e. O. Miscellaneous—Other Expenditure ..	..	..	..	4,000	..	5,300	..	7,000
e. P. Maintenance ..	..	..	..	1,000	..	..	..	1,000
e. Q. Special Tools and Plant	..	..	..	16,40,000	..	20,21,100	..	14,97,000
Total—68. e.—Head Works—Works	..	..	..	55,31,000	..	51,25,600	..	64,80,000
II. POWER CANAL.								
68. e. Works—								
e. A. Preliminaries ..	..	..	..	5,000	..	8,000	..	7,600
e. B. Land	..	..	..	2,65,000	..	..	..	4,00,000
e. C. Works	..	..	..	30,000	..	..	..	..
e. F. Cross Drainage Works	..	..	..	76,000	..	..	..	35,000
e. G. Bridges	..	..	..	70,000	..	..	..	47,500
e. J. Mills	..	..	..	80,000	..	..	..	..
Carried over ..	..	..	..	5,26,000	..	8,000	..	4,90,100

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
POST-WAR RECONSTRUCTION—*cont.*								
TUNGABHADRA PROJECT —*cont.*								
II. POWER CANAL—*cont.* Brought forward ..	..	..	..	5,26,000	..	8,000	..	4,90,100
68. e. WORKS—								
e. K. BUILDINGS	..	..	..	6,000	..	..	..	..
e. L. EARTH WORK ..	..	..	..	2,14,000	..	..	...	1,50,000
e. M. PLANTATIONS ..	..	..	..	5,000	..	..	..	1,000
e. O. MISCELLANEOUS ..	..	..	..	6,700	..	1,000	..	16,000
e. Q. SPECIAL TOOLS AND PLANT	..	..	..	1,23,000	..	..	..	90,000
TOTAL—68. e. POWER CANAL.	..	..	..	8,80,700	..	9,000	..	7,47,100
III. LOW LEVEL CANAL.								
(MAIN CANAL AND BRANCHES.) 68. e. WORKS—								
e. A. PRELIMINARIES ..	..	..	..	9,500	..	31,200	..	13,400
e. B. LAND	..	..	..	6,80,000	..	3,93,900	..	7,00,700
e. D. REGULATORS ..	..	..	..	25,000	..	..	..	1,40,000
e. F. RIVERS AND HILL TORRENTS	..	..	..	6,00,000	..	2,50,000	..	6,20,000
e. F—1. OTHER CROSS DRAINAGE WORKS ..	..	..	..	8,09,200	..	3,59,200	..	10,30,000
e. G. BRIDGES	..	..	..	2,74,200	..	3,54,200	..	3,86,800
e. K. BUILDINGS	..	..	..	3,07,600	..	5,02,800	..	1,59,300
e. L. EARTH WORK ..	..	..	..	12,04,000	..	7,55,000	..	20,91,700
e. M. PLANTATIONS ..	..	..	..	2,800	..	5,100	..	7,400
e. O. MISCELLANEOUS ..	..	..	..	18,900	..	1,43,900	..	62,000
e. P. MAINTENANCE ..	..	..	..	2,000	..	2,100	..	13,500
e. Q. SPECIAL TOOLS AND PLANT	..	..	..	24,25,500	..	11,00,000	..	17,08,800
TOTAL—68. e. LOW LEVEL CANAL	..	..	..	63,58,700	..	38,97,400	..	69,33,600

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
POST-WAR RECONSTRUCTION—*cont.*								
TUNGABHADRA PROJECT —*cont.*								
Deduct—CHARGES IN ENGLAND—COST OF ENGLISH STORES.	..	..	..	..	..	— 6,38,000	..	—11,12,800
TOTAL—68. e. WORKS—TUNGABHADRA PROJECT.	..	7,98,773	..	1,27,70,400	..	83,94,000	..	1,30,47,900
68. f. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENTS—								
1. ROMPERU DRAINAGE PROJECT	..	..	..	...	..	43,600	..	1,04,900
2. TUNGABHADRA PROJECT	*57,995*	2,78,433	*31,900*	3,51,600	*80,200*	6,41,800	*89,800*	11,26,400
TOTAL—68. f. A. ..	*57,995*	2,78,433	*31,900*	3,51,600	*80,200*	6,85,400	*89,800*	12,31,300
B. PENSION CHARGES—								
1. ROMPERU DRAINAGE PROJECT	..	..	..	..	..	5,200	..	12,500
2. TUNGABHADRA PROJECT	*6,845*	17,378	*3,800*	41,800	*9,500*	76,300	*10,700*	1,33,900
TOTAL—68. f. B. ..	*6,845*	17,378	*3,800*	41,800	*9,500*	81,500	*10,700*	1,46,400
TOTAL—68. f. ..	*64,840*	2,95,811	*35,700*	3,93,400	*89,700*	7,66,900	*1,00,500*	13,77,700
68. g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT—GRANTS FROM THE CENTRAL GOVERNMENT.	..	— 3,585	..	..	..	—45,41,000	..	—38,66,000
TOTAL—68. g. ..	..	— 3,585	..	..	..	—45,41,000	..	—38,66,000
68. h. TOOLS AND PLANT ..	..	68,225	..	56,000	..	81,700	..	58,200
68. j. SUSPENSE ..	..	1,057	..	2,02,100	..	2,10,000	..	3,19,100
68. k. CHARGES IN ENGLAND—								
HIGH COMMISSIONER FOR INDIA—								
(i) LEAVE SALARIES AND DEPUTATION PAY ..	*1,857*	2,447	..	..	..	..	..	..
(ii) STORES	..	..	..	..	..	6,38,000	..	11,12,800
TOTAL—68. j. ..	*1,857*	2,447	..	..	..	6,38,000	..	11,12,800

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1945-6.		Budget Estimate, 1946-7.		Revised Estimate, 1946-7.		Budget Estimate, 1947-8.	
	Charged.	Authorised.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
POST-WAR RECONSTRUCTION—*cont.*								
68. k. LOSS OR GAIN BY EXCHANGE	*2*	4	..	..	..	..	..	..
TOTAL—68. IRRIGATION WORKS—UNPRODUCTIVE—POST-WAR RECONSTRUCTION	*66,699*	11,62,732	*35,700*	1,39,21,900	*89,700*	60,49,600	*1,00,500*	1,68,49,700
TOTAL—68. IRRIGATION WORKS	*69,879*	12,71,449	*37,400*	1,48,45,500	*91,400*	70,87,900	*1,02,500*	1,94,78,000
	13,41,328		1,48,82,900		71,79,300		1,95,80,500	
68. LUMP DEDUCTION FOR PROBABLE SAVINGS ..	..	..	..	—13,78,100	..	..	..	—18,70,800
68. LUMP ADDITION FOR REGRANT OF LAPSES ..	..	..	..	53,000	..	..	..	8,00,000
TOTAL—DEMAND XXXIII—CAPITAL OUTLAY ON IRRIGATION.	*69,879*	12,71,449	*37,400*	1,35,20,400	*91,400*	70,87,900	*1,02,500*	1,84,07,200
	13,41,328		1,35,57,800		71,79,300		1,85,09,700	
Add—								
Pro rata CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.—								
(*a*) ESTABLISHMENT—								
PRODUCTIVE ..	*4,589*	26,939	*12,700*	1,23,000	*14,000*	1,52,500	*17,200*	2,07,900
UNPRODUCTIVE ..	..	..	*7,000*	67,800	..	..	..	..
(*b*) TOOLS AND PLANT—								
PRODUCTIVE ..	..	3,764	..	3,400	..	50,300	..	13,500
UNPRODUCTIVE ..	..	..	..	1,900	..	..	..	..
TOTAL—MAJOR HEAD 68.	*74,468*	13,02,152	*57,100*	1,37,16,500	*1,05,400*	72,90,700	*1,19,700*	1,86,28,600
	13,76,620		1,37,73,600		73,96,100		1,87,48,300	

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE.

a. WORKS.

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1945–6. (4)	Budget Estimate, 1946–7. (5)	Revised Estimate, 1946–7. (6)	Budget Estimate, 1947–8. (7)
		RS.	RS.	RS.	RS.	RS.
a. A. GODAVARI DELTA SYSTEM.	MAJOR WORKS—					
	1. *Godavari Western.*—Kalipatnam Project—Extension of irrigation of 1,050 acres—G.Os. No. 770, P.W., dated 6th May 1943, No. 1197, dated 29th June 1943 and No. 619, P.W., dated 1st March 1944.	28,770 T.S. 31,500 R.E. 40,817	31,593	2,200	400	1,900
	2. *Godavari Western.*—Excavating Kondapadu channel from Junction canal above Muddapuram lock—G.Os. No. 751, P.W., dated 5th May 1943 and No. 1882, P.W., dated 10th September 1943.	61,600	36,258	..	20,400	..
	3. *Godavari Western.*—Providing irrigation facilities to Kalavapudi lands—G.Os. No. 913, P.W., dated 31st May 1943 and No. 2018, P.W., dated 24th September 1943.	1,61,800	95,985	10,000	10,000	..
	4. *Godavari Western.*—Remodelling Kodamanchilli channel of Bank canal and its branches—G.O. No. 2524, P.W., dated 19th November 1943.	44,400 60,750	24,937	..	30,800	..
	5. *Godavari Central.*—Providing irrigation facilities for high level lands at the head of the Godavari Central delta–G.Os. No. 5418, P.W., dated 17th March 1943, No. 2358, P.W., dated 4th November 1943 and No. 1773, P.W., dated 21st June 1944.	8,88,300 R.E. 4,70,000 T.S. 6,66,200 R.E. 7,32,800	5,70,370	1,400	98,000	6,000
	6. *Godavari Central.*—New Wadapalem scheme—G.O. Ms. No. 407, P.W., dated 9th February 1944.	28,445 T.S. 31,000	11,112	..	13,400	..
	7. *Godavari Central.*—Extension of the Sakkinetipalli weir channel and of the Vasista Left Bank—G.O. No. 628, P.W., dated 1st March 1944.	94,800 T.S. 56,200	48,769	2,500	3,300	..
	8. *Godavari Central.*—Providing irrigation facilities to certain dry lands in Palivela, Avidi, and Ganti villages—G.O. No. 1596, P.W., dated 2nd June 1944.	24,910	15,517	..	13,000	..
	9. *Godavari Central.*—Providing irrigation facilities to certain high level lands below Ralli and Lolla locks in Komarajulanka, etc., villages of Razole taluk—G.O. No. 1865, P.W., dated 1st July 1944.	2,05,800 2,26,380	1,22,260	2,000	18,000	1,000
	10. *Godavari Central.*—Extension of irrigation under Nimmakayala Kothapalli Channel—G.O. No. 3098, P.W., dated 8th November 1944.	48,500	13,147	19,500	20,000	5,000
	11. *Godavari Central.*—Providing irrigation facilities to dry lands in Antervedi village by extending Addalapalem and Mamidithota Channels—G.O. No. 2070, P.W., dated 2nd August 1945.	1,93,000	24,974	1,27,000	74,000	40,000
	12. *Godavari Central.*—Extension of Battelanka No. 1 channel for irrigation of lands in Kesanapalle and Sankaraguptam villages—G.O. No. 2756, P.W., dated 25th October 1945.	77,050	..	72,000	15,000	69,000

T.S. = Technical Sanction. R.E. = Revised Estimate.

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
a. A. GODAVARI DELTA SYSTEM—*cont.*	MAJOR WORKS—*cont.*	RS.	RS.	RS.	RS.	RS.
	13. *Godavari Eastern.*—Providing irrigation facilities for certain dry lands in Yeditha village under Yeditha channel by improving Savaram Bodhi channel—G.O. No. 1629, P.W., dated 7th June 1944.	17,720	5,555	8,900	7,300	..
	14. *Godavari Western.*—Extension of Relangi channel for the irrigation of lands in Garagaparru, etc., villages—G.O. No. 1614, P.W., dated 10th August 1943.	9,886 T.S. 13,600	7,685	..	2,400	..
	15. *Godavari Western.*—Provision of irrigation facilities in Undarajavaram, etc., villages, Tanuku taluk—G.O. No. 493, P.W., dated 10th February 1946.	59,500	..	18,600	18,600	20.000
	16. *Godavari Central Division.*—Remodelling and providing R.C. Bridge over the vents of the Gannavaram aqueduct—G.O. No. 1138, P.W., dated 19th April 1946.	28,40,000	..	..	5,00,000	15.00,000
	17. *Godavari Central Division.*—Protecting the front and rear aprons of Gannavaram aqueduct with reinforced concrete sheet piles—G.O. No. 529, P.W., dated 24th January 1945.	7,67,000	..	..	3,52,600	..
	18. *Godavari Western Division*—Kanur Scheme—G.O. No. 1651, P.W., dated 18th August 1943.	3,84,000	7,919	..	— 100	..
	TOTAL—a. A. GODAVARI DELTA SYSTEM	..	..	2,64,100	11,97,100	16,42,900
a. B. KISTNA DELTA SYSTEM.	MAJOR WORKS—					
	1. *Kistna Eastern.*—Provision of irrigation facilities to Bandar Fort Block—G.O. No. 697, P.W., dated 20th March 1941.	16,230 R.E. 18,820	16,036	4,400	100	4,300
	2. *Kistna Eastern.*—Excavation of the new Arthamur channel in Bandar taluk—G.O. No. 696, P.W., dated 20th March 1941.	13,320 R.E. 14,900	17,464	800	800	200
	3. *Kistna Eastern.*—Excavation of Nidamanur new channel in Bezwada taluk—G.O. No. 698, P.W., dated 20th March 1941.	12,710 R.E. 13,970	21,383	2,000	1,400	..
	4. *Kistna Eastern.*—Provision of irrigation facilities to a block of about 1,500 acres in Mallavole, Rudravaram and Gudupalem villages, Bandar taluk, by extending the Kothawara Codu channel, branch of Mallavole main channel—G.O. Ms. No. 2169, dated 26th June 1942.	15,000 T.S. 16,250	13,498	..	3,500	5,000
	5. *Kistna Eastern.*—Providing irrigation facilities to Gurazada block—C.E.I.'s Memo. No. 2992/39-C.E.P./13th May 1940.	7,936 R.E. 22,420	20,010	..	1,200	800
	6. *Kistna Central.*—Extending the wharf at Bezwada below the girder bridge at M. 0/2 of the Kistna Eastern Delta main canal—G.O. No. 3231, dated 8th September 1942.	1,13,200	88,361	13,500	5,000	17,000

T.S. = Technical Sanction. R.E. = Revised Estimate.

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1945–6. (4)	Budget Estimate, 1946–7. (5)	Revised Estimate, 1946–7. (6)	Budget Estimate, 1947–8. (7)
		RS.	RS.	RS.	RS.	RS.
a. B. KISTNA DELTA SYSTEM—*cont.*	MAJOR WORKS—*cont.*					
	7. *Kistna Western.*—Excavation of the Kistna High Level canal (inclusive of land acquisition staff)—G.O. No. 975 I., dated 16th April 1935.	5,82,563 / 6,07,043	58,180	74,000	45,600	33,900
	8. *Kistna Western.*—Provision of irrigation facilities to Kanakavalli block (C.E.I.'s No. 3091/39-CEP., dated 10th May 1940).	8,400 / R.E. 19,000	18,292	700	700	..
	9. *Kistna Eastern.*—Constructing a wharf, lascars' quarters and wharf office at Gudivada.	13,860	4,332	9,300	6,000	12,000
	10. Excavating a channel to Choragudi and Achampallam villages—G.O. No. 2571, P.W., dated 3rd October 1945.	* 1,24,640	104	2,000	..	59,000
	11. Provision of irrigation facilities to Dendulur and other villages in the Ellore taluk, West Godavari district—G.O. No. 1121, P.W., dated 17th April 1946.	3,94,000 / R.E. 2,95,360	..	1,00,000	1,00,000	1,95,000
	12. *Kistna Eastern.*—Providing irrigation facilities to lands in Rudravaram and Chigurukota villages—G.O. No. 1857, P.W., dated 5th July 1946.	31,200	..	..	10,000	31,300
	13. *Kistna Eastern.*—Providing irrigation facilities to dry lands in Mandavalli and Chigurukota blocks.	† 32,000	..	..	..	100
	14. *Kistna Eastern.*—Provision of irrigation facilities to dry lands in Rachapatnam and Kallerpalam villages, Kistna district.	32,800	..	..	..	30,000
	TOTAL—a. B. KISTNA DELTA SYSTEM	..	..	2,06,700	1,74,300	3,88,600
a. C. KISTNA EAST BANK CANAL EXTENSION SCHEME.	MAJOR WORKS—					
	1. *Kistna Central and Guntur Divisions.*—Kistna East Bank Canal Scheme—G.O. No. 231 I., dated 27th January 1933.	28,49,320	27,90,637	2,000	3,700	..
	TOTAL—a. C. KISTNA EAST BANK CANAL EXTENSION SCHEME ..	..	..	2,000	3,700	..
a. D. PENNAR RIVER CANALS SYSTEM.	MAJOR WORKS—					
	1. *Nellore.*—Fitting up falling shutters over Sangam Anicut—G.O. No. 2896 I., dated 17th December 1936.	1,36,500	1,20,415	6,500	6,500	..
	TOTAL—a. D. PENNAR RIVER CANALS SYSTEM.	..	..	6,500	6,500	..

D.S. = Deviation Statement.

		RS.
* Government share	.. ..	1,01,330
Contribution	.. ..	23,310
	Total ..	1,24,640

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1945-6. (4)	Budget Estimate, 1946-7. (5)	Revised Estimate, 1946-7. (6)	Budget Estimate, 1947-8. (7)
		RS.	RS.	RS.	RS.	RS.
a. E. CAUVERY DELTA SYSTEM.	Major Works—					
	1. *Vennar*—Extensions and improvements to Orathur channel No. 3—G.O. No. 582 I., dated 19th March 1940.	21,463 T.S. 15,500	14,323	..	100	..
	2. Providing irrigation facilities to an extent of 800 acres of dry lands in Kambayanathan, etc., villages, Papanasam taluk—G.O. Ms. No. 884, P.W., dated 28th March 1946.	65,000	..	20,000	25,000	19,000
	3. *River Conservancy Division*—Construction of a bed regulator across the Cauvery at Jeddarpalayam.	..	..	..	2,000	50,000
	TOTAL—a. E. CAUVERY DELTA SYSTEM	..	..	20,000	27,100	69,000
	HEADWORKS.					
a. F. CAUVERY-METTUR PROJECT.	1. Special Tools and Plant—Maintenance and Repairs.	..	1,178	1,200	10,000	1,400
	2. *Deduct*—Receipts by sale of Special Tools and Plant in India.	..	— 1,59,210	— 5,000	— 2,80,300	— 5,000
	TOTAL—HEADWORKS ..	..	..	— 3,800	— 2,70,300	— 3,600
	CANALS.					
	1. Extension of irrigation beyond Narasinga Cauvery to an extent of 2,500 acres—G.O. No. 2100, P.W., dated 6th August 1945.	1,50,000 19,30,000	90,407	4,15,000	4,77,000	4,80,000
	2. Improvements to drains in Cauvery-Mettur Project areas.	6,02,700	..	..	..	2,00,000
	TOTAL—CANALS ..	..	..	4,15,000	4,77,000	6,80,000
	TOTAL—a. F. CAUVERY-METTUR PROJECT ..	..	..	4,11,200	2,06,700	6,76,400
GRAND TOTAL—68. a. IRRIGATION WORKS—PRODUCTIVE—VOTED ..		..	..	9,10,500	16,15,400	27,76,900

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—UNPRODUCTIVE—POST-WAR RECONSTRUCTION (OTHER THAN TUNGABHADRA PROJECT).

a. WORKS.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
e. A. KISTNA DELTA SYSTEM.	MAJOR WORKS—					
	1. *Kistna Central and Guntur Divisions.*—Provision of drainage facilities to Romperu drain in Guntur district—G.O. No. 1255, P.W., dated 29th April 1946.	92,00,000 T.S. 1,01,20,000	..	5,00,000	5,00,000	20,00,000
	TOTAL—e. A. KISTNA DELTA SYSTEM	..	..	5,00,000	5,00,000	20,00,000

T.S. = Technical Sanction.

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

b. ESTABLISHMENT.

Sub-heads of appropriation. (1)	Strength. 1946-7. (2)	Strength. 1947-8. (3)	Details. (4)	Accounts, 1945-6. (5)	Budget Estimate, 1946-7. (6)	Revised Estimate, 1946-7. (7)	Budget Estimate, 1947-8. (8)
				RS.	RS.	RS.	RS.
			A. SPECIAL ESTABLISHMENTS —PRODUCTIVE.				
			CANALS AND HEADWORKS—				
			(i) PUBLIC WORKS ESTABLISHMENT.				
b. A. 1. CAUVERY-METTUR PROJECT.			CHARGED—				
			PAY OF OFFICERS	*2,497*	..	..	..
			VOTED—				
			PAY OF OFFICERS	5,491	..	6,200	7,000
			PAY OF ESTABLISHMENTS ..	4,297	..	11,100	15,200
			DEARNESS AND OTHER ALLOWANCES.	4,877	..	10,500	12,900
			CONTINGENCIES	354	..	1,500	1,500
			TOTAL—(i). *Charged* ..	*2,497*	..	..	..
			TOTAL—(i). VOTED ..	15,019	..	29,300	36,600
			(ii) OTHER ESTABLISHMENT.				
			VOTED—				
			PAY OF OFFICERS	93	..	2,500	3,000
			PAY OF ESTABLISHMENTS ..	799	..	9,300	8,300
			DEARNESS AND OTHER ALLOWANCES.	346	..	8,400	7,700
			CONTINGENCIES..	200	..	1,000	1,000
			TOTAL—(ii). VOTED ..	1,438	..	21,200	20,000
b. A. 2. OTHER PROJECTS.			TOTAL—b. A. 2. AUTHORIZED.	734	..	..	..
GRAND TOTAL—68. b. A. ESTABLISHMENT —SPECIAL ESTABLISHMENTS—PRODUCTIVE.				19,688	..	50,500	56,600
			Charged ..	*2,497*	..	..	..
			VOTED ..	17,191	..	50,500	56,600

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—UNPRODUCTIVE—POSTWAR RECONSTRUCTION—

f. ESTABLISHMENT.

Sub-heads of appropriation.	Strength. 1946-7.	Strength. 1947-8.	Details.	Accounts, 1945-6.	Budget Estimate, 1946-7.	Revised Estimate, 1946-7.	Budget Estimate, 1947-8.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
				RS.	RS.	RS.	RS.
			A. SPECIAL ESTABLISHMENTS.				
			I. ROMPERU DRAINAGE PROJECT.				
f. A. SPECIAL ESABLISHMENTS.			VOTED—				
			PAY OF OFFICERS	..	..	10,600	29,000
			PAY OF ESTABLISHMENTS ..	..	..	17,900	41,500
			DEARNESS AND COST OF LIVING ALLOWANCES	..	..	13,500	29,700
			CONTINGENCIES	..	..	1,600	4,700
			TOTAL—f. A. SPECIAL ESTABLISHMENTS—ROMPERU DRAINAGE PROJECT—VOTED ..	..	..	43,600	1,04,900
			II. TUNGABHADRA PROJECT.				
f. A. SPECIAL ESTABLISHMENTS—PUBLIC WORKS ESTABLISHMENT.			CHARGED—				
			PAY OF OFFICERS	..	*23,100*	*39,100*	*45,300*
			COST OF LIVING ALLOWANCE ..	..	*3,200*	*7,200*	*6,200*
			OTHER COMPENSATORY ALLOWANCE (including Travelling Allowance).	..	*5,600*	*10,200*	*13,500*
			VOTED—				
			PAY OF OFFICERS	..	63,000	96,800	1,65,100
			PAY OF ESTABLISHMENTS	..	1,22,600	2,00,500	3,71,900
			ALLOWANCES	..	79,800	1,23,200	2,30,200
			DEARNESS AND COST OF LIVING ALLOWANCES	..	63,700	96,100	1,72,500
			CONTINGENCIES	..	22,500	31,600	54,000
			TOTAL—f. A.—PUBLIC WORKS ESTABLISHMENT. *Charged* ..	*57,955*	*31,900*	*56,500*	*65,000*
			TOTAL—f. A.—PUBLIC WORKS ESTABLISHMENT. VOTED ..	2,78,433	3,51,600	5,48,200	9,93,700

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—UNPRODUCTIVE—POSTWAR RECONSTRUCTION—

f. ESTABLISHMENT—*cont.*

Sub-heads of appropriation.	Strength. 1946-7.	Strength. 1947-8.	Details.	Figures by detailed account heads. Accounts, 1945-6.	Budget Estimate, 1946-7.	Revised Estimate, 1946-7.	Budget Estimate, 1947-8.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
				RS.	RS.	RS.	RS.
			A. SPECIAL ESTABLISHMENTS —*cont.*				
			II. TUNGABHADRA PROJECT—*cont.*				
f. A. SPECIAL ESTABLISHMENTS—OTHER ESTABLISHMENT.			CHARGED—				
			PAY OF OFFICERS	..	..	*15,900*	*16,000*
			COST OF LIVING ALLOWANCE ..	..	..	*2,600*	*3,000*
			OTHER COMPENSATORY ALLOWANCE (including Travelling Allowance)	..	..	*5,200*	*5,800*
			VOTED—				
			PAY OF OFFICERS	..	..	5,100	6,700
			PAY OF ESTABLISHMENT	..	..	12,900	20,800
			DEARNESS AND COST OF LIVING ALLOWANCES	..	..	8,400	14,300
			OTHER COMPENSATORY ALLOWANCE (including Travelling allowance).	..	..	8,300	13,800
			CONTINGENCIES	..	..	58,900	77,100
			TOTAL f. A.—OTHER ESTABLISHMENT. *Charged* ..	..	..	*23,700*	*24,800*
			VOTED ..	..	..	93,600	1,32,700
			TOTAL—f. A. SPECIAL ESTABLISHMENTS—TUNGABHADRA PROJECT	3,36,428	3,83,500	7,22,000	12,16,200
			Charged ..	*57,995*	*31,900*	*80,200*	*89,800*
			VOTED ..	2,78,433	3,51,600	6,41,800	11,26,400
GRAND TOTAL—68. f. ESTABLISHMENT—SPECIAL ESTABLISHMENTS—UNPRODUCTIVE—POST-WAR RECONSTRUCTION				3,36,428	3,83,500	7,65,600	13,21,100
			Charged ..	*57,995*	*31,900*	*80,200*	*89,800*
			VOTED ..	2,78,433	3,51,600	6,85,400	12,31,300
			h. TOOLS AND PLANT.				
h. A. NEW SUPPLIES.			TOTAL—h. A.—VOTED ..	..	52,700	78,000	46,500
h. B. REPAIRS AND CARRIAGE.			TOTAL—h. B.—VOTED ..	..	3,300	3,700	11,700
GRAND TOTAL—68. h. TOOLS AND PLANT—POSTWAR RECONSTRUCTION—TUNGABHADRA PROJECT—VOTED ..				68,225	56,000	81,700	58,200

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